

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A sport goggle for wearing on the face of a user having an improved air venting system to enhance air flow through the goggle, comprising:

 a goggle body having an exterior surface and an interior surface and having a lens aperture surrounded by a top wall, a bottom wall, and two sidewalls;

 a lens mounted in said lens aperture, said lens having a top lens portion adjacent to said top wall of said goggle body and a bottom lens portion adjacent to said bottom [[edge]] wall of said body;

 an eye cavity formed between the face of [[the]] a wearer, the lens, and said interior surface of said goggle body when said goggle body is mounted on the face of said wearer;

 a ledge formed in said exterior surface of said goggle body projecting forward adjacent to said bottom lens portion;

 at least one lower intake aperture in said goggle body, said intake aperture in communication with said eye cavity;

 at least one venting aperture communicating through said goggle body with said eye cavity; and

 at least one channel formed in an upper surface of said ledge, said channel dimensioned to focus air approaching said channel from diverse angles, onto said lower intake aperture, whereby air volume entering said lower intake aperture is increased by said channel thereby pressurizing air flow through said lower intake aperture into said eye cavity wherein said air flow exits through said venting aperture.

2. (Currently amended) The sport goggle as defined in Claim 1 further comprising:

 said at least one venting aperture is located in [[said]] a side wall of said goggle body;

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said exterior surface of said goggle body between said lens and said venting aperture is a curved surface;

 a low air pressure area immediately adjacent to said venting aperture when moving air travels over said curved surface; and

 whereby air flow through said eye cavity is enhanced by said low pressure area acting to draw higher pressure air [[in]] from [[air]] eye cavity through said venting aperture.

3. (Original) The sport goggle as defined in Claim 1 further comprising:

 one or a plurality of upper intake apertures communicating with said eye cavity adjacent to said top wall.

4. (Original) The sport goggle as defined in Claim 2 further comprising:

 one or a plurality of upper intake apertures communicating with said eye cavity adjacent to said top wall.

5. (Original) The sport goggle as defined in Claim 3 further comprising:

 a ridge projecting from said top wall adjacent to said upper intake apertures; and

 said ridge curved to direct airflow thereover creating an upper high air pressure area adjacent to said upper intake apertures whereby air flow communicating through said upper intake apertures with said eye cavity is pressurized.

6. (Original) The sport goggle as defined in Claim 4 further comprising:

 a ridge projecting from said top wall adjacent to said upper intake apertures; and

 said ridge curved to direct airflow thereover creating an upper high air pressure area adjacent to said upper intake apertures whereby air flow communicating through said upper intake apertures with said eye cavity is pressurized.

7. (Original) The sport goggle as defined in Claim 1 further comprising:

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one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

8. (Original) The sport goggle as defined in Claim 2 further comprising:
one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

9. (Original) The sport goggle as defined in Claim 3 further comprising:
one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

10. (Original) The sport goggle as defined in Claim 4 further comprising:
one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

11. (Original) The sport goggle as defined in Claim 5 further comprising:
one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

12. (Original) The sport goggle as defined in Claim 6 further comprising:
one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

13. (Original) The sport goggle as defined in Claim 1 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

14. (Original) The sport goggle as defined in Claim 2 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

15. (Original) The sport goggle as defined in Claim 4 further comprising:

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one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

16. (Original) The sport goggle as defined in Claim 5 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

17. (Original) The sport goggle as defined in Claim 6 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

18. (Original) The sport goggle as defined in Claim 8 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

19. (Currently amended) The sport goggle as defined in Claim 11 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity;

said ridge having a curved ridge surface shaped to direct air thereover to thereby create a second low air pressure area immediately adjacent to said body venting aperture when moving air travels over said curved ridge surface; and

whereby air flow through said eye cavity is enhanced by said second low pressure area acting to draw higher pressure air [[in]] from said [[air]] eye cavity through said one or a plurality of body venting aperture apertures.

20. (Currently amended) The sport goggle as defined in Claim 12 further comprising:
one or a plurality of body venting apertures communicating through said top wall with said eye cavity;

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said ridge having a curved ridge surface shaped to direct air thereover to thereby create a second low air pressure area immediately adjacent to said body venting aperture when moving air travels over said curved ridge surface; and

whereby air flow through said eye cavity is enhanced by said second low pressure area acting to draw higher pressure air [[in]] from said [[air]] eye cavity through said one or a plurality of body venting aperture apertures.

21. (Original) The sport goggle as defined in Claim 2 further comprising:

an aperture gate dimensioned for cooperative engagement in said venting aperture, said aperture gate allowing air flow therethrough and having moisture absorbent material therein.

22. (Currently amended) The sport goggle as defined in Claim 2 further comprising:

an aperture gate dimensioned for cooperative engagement in said at least one venting aperture, said aperture gate allowing a determined amount of air flow therethrough to thereby provide a means to regulate the quantity of airflow through said venting aperture.

23. (Currently amended) The sport goggle as defined in Claim 1 further comprising:

at least one additional lower intake aperture in said lens, said intake aperture in communication with said eye cavity; and

at least one additional channel formed in an upper surface of said ledge, said additional channel dimensioned to focus air approaching said channel from diverse angles, onto said additional lower intake aperture, whereby air entering said additional lower [[vent]] intake aperture is pressurized by said additional channel thereby pressurizing air flow through said additional lower intake aperture into said eye cavity wherein said air flow exits through said venting aperture.

24. (Currently amended) The sport goggle as defined in Claim 2 further comprising:

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at least one additional lower intake aperture in said lens, said intake aperture in communication with said eye cavity; and

at least one additional channel formed in an upper surface of said ledge, said additional channel dimensioned to focus air approaching said channel from diverse angles, onto said additional lower intake aperture, whereby air entering said additional lower [[vent]] intake aperture is pressurized by said additional channel thereby pressurizing air flow through said additional lower intake aperture into said eye cavity wherein said air flow exits through said venting aperture.

25. (Currently amended) A sport goggle for wearing on the face of a user having an improved air venting system to enhance air flow through the goggle, comprising:

a goggle body having an exterior surface and an interior surface and having a lens aperture surrounded by a top wall, a bottom wall, and two sidewalls;

a lens mounted in said lens aperture, said lens having a top lens portion adjacent to said top wall of said goggle body and a bottom lens portion adjacent to said bottom [[edge]] wall of said body;

an eye cavity formed between the face of [[the]] a wearer, the lens, and said interior surface of said goggle body when said goggle body is mounted on the face of said wearer;

at least one lower intake aperture communicating through at least one of said lens or said goggle body, said intake aperture in communication with said eye cavity;

at least one venting aperture located in [[said]] a sidewall of said goggle body, said venting aperture communicating through said goggle body with said eye cavity; and

exterior surface dimensional means to direct airflow thereover to create negative air pressure immediately adjacent to said venting aperture, whereby air entering said eye cavity ~~from~~

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said is pulled ~~therefrom~~ from said eye cavity by said negative air pressure adjacent to said venting aperture.

26. (Previously presented) The sport goggle as defined in Claim 25 wherein said exterior surface dimensional means to direct airflow thereover to create negative air pressure comprises:

 said exterior surface of said goggle body between said lens and said venting aperture being a curved surface thereby increasing velocity of said airflow thereover and creating said negative air pressure adjacent to said venting aperture.

27. (Currently amended) The sport goggle as defined in Claim 25 additionally further comprising:

 one or a plurality of upper intake apertures communicating with said eye cavity adjacent to said top wall.

28. (Currently amended) The sport goggle as defined in Claim 26 additionally further comprising:

 one or a plurality of upper intake apertures communicating with said eye cavity adjacent to said top wall.

29. (Previously presented) The sport goggle as defined in Claim 27 further comprising:

 a ridge projecting from said top wall adjacent to said upper intake apertures; and
 said ridge curved to direct airflow thereover creating an upper high air pressure area adjacent to said upper intake apertures whereby air flow communicating through said upper intake apertures with said eye cavity is pressurized.

30. (Previously presented) The sport goggle as defined in Claim 26 further comprising:

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one or a plurality of body intake apertures communicating through said bottom wall with said eye cavity.

31. (Previously presented) The sport goggle as defined in Claim 25 further comprising:

one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

32. (Previously presented) The sport goggle as defined in Claim 26 further comprising:

one or a plurality of body venting apertures communicating through said top wall with said eye cavity.

33. (Previously presented) The sport goggle as defined in Claim 27 further comprising:

one or a plurality of body venting apertures communicating through said top wall with said eye cavity

34. (Previously presented) The sport goggle as defined in Claim 29 further comprising:

one or a plurality of body venting apertures communicating through said top wall with said eye cavity; and

said ridge having a curved ridge surface dimensioned to increase airflow speed thereover to thereby create a second low air pressure area immediately adjacent to said one or a plurality of body venting apertures when moving air travels over said curved ridge surface whereby air flow through said eye cavity is additionally enhanced by said second low pressure area acting to draw air from said eye cavity through said one or a plurality of body venting aperture.

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